

2012 Amada LC2415 Alpha IV, 4kw Laser (1966)



Stock No: 1966

Model	Amada LC2415 Alpha IV, 4kw Laser
Year	2012
Traverse Method	X Axis sheet traverse Y Axis head traverse
Axis Traverse Distance	2520 x 1550 x 300 mm (Z axis)
Max. Sheet Size (including 1 reposition)	5040 x 1550 mm
Max. Guaranteed Material Thickness	12mm mild steel 10mm stainless (clean cut) 8mm aluminium (A5052)
Max. Material Weight	330 kg
Max. Feed Speed	80m/min (X & Y axis) 60m/min (z axis)
Laser Cutting Speed	0 - 20m/min
Positioning Repeatability	+/- 0.005mm
Axis Drive (X, Y & Z)	AC servo motor
Workchute	1750 x 550 mm
Assist Gas	3 ports, automatic control
Electric Power Required (Includes Oscillator)	65KVA 400V +/- 10% 50Hz
Air Required Machine Only	6.0 Kg/cm ² 520 L/min
Machine Length	5614 mm
Machine Height	2275 mm
Machine Weight	7.7 tonnes

Standard Equipment	
Oscillator Specification	
Model:	Fanuc AF4000E
Type:	RF Discharge excited fast axial flow CO ₂ laser
Rated Output:	4000 W
Laser Gas Mixture:	CO ₂ :He ₂ :N ₂ =5:40:55 +/- 0.5%
Laser Gas Pressure:	1.75 +/- 0.25 Kg/cm ²
Laser Gas Consumption:	10 L/hr
NC Specification	
Model:	AMNC - F windows based control
Display:	15" touch screen
Data Interface:	
Chiller Specification	
Model:	Donaldson UC-300SP
Type:	Air cooled, floor mounted
Water Specification:	Demineralized
Power Requirement:	400 V 3 phase + earth
Power Consumption:	17 Kw
Dimensions:	1050mm (W) x 1610mm (D) x 1825mm (H)
	560 kg transport
	880 kg operational
Weight:	
Dust Collection Specification	
Model:	Torit DRFP04
Air Requirements:	6 bar (max 7 bar)
Power Supply:	3 phase 400VAC 50Hz + earth
Weight:	730 kg
Dimensions:	1390mm (W) x 1500mm (L) x 2295mm (H)
Fan Motor:	3 kw

Features and Benefits

Warranty: Parts and labour warranty (UK). Installation and training available.

Availability: Ex stock.

Condition: Available to view in our Warehouse near Sandbach, Cheshire, UK. Jct17 M6.

Price: P.O.A